ABSTRACT

A novel conjugate fiber with a fine and an optical interference color-generating function, suitable for application in product fields which require aesthetic qualities, the fiber being characterized by having a structure wherein an alkali-soluble polymer with a thickness of 2.0 μm or greater surrounds an alternating laminated section with a thickness of no greater than 10 μm, comprising alkali-insoluble polymer layers with different refractive indices alternately laminated parallel to the long axis direction of the flat cross-section, wherein the ratio (SP1/SP2) between the solubility parameter value of the higher refractive index polymer (SP1) and the solubility parameter value of the lower refractive index polymer (SP2) is in the range of 0.8-1.1.